

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/002441

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A61K 9/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAPLUS, MEDLINE, WPI, USPATFULL, JAPIO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/62753 A1 (HANWHA CHEMICAL CORP.) 30 AUGUST 2001 see the whole document	1
A	WO 02/30466 A2 (PURDUE RESEARCH FOUNDATION) 18 APRIL 2002 see the whole document	1
A	WO 00/50007 A1 (LIPOCINE, INC.) 31 AUGUST 2000 see the whole document	1
A	US 6338859 B1 (LABOPHARM INC.) 15 JANUARY 2002 see the whole document	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family


Date of the actual completion of the international search

29 JANUARY 2004 (29.01.2004)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
W00162753A1	30.08.2001	US20020000410A1	03.01.2002
		KR1084323A	06.09.2001
		EP1261596A1	04.12.2002
		CN1406235T	26.03.2003
		AU0137736A5	03.09.2001
W00230466A2	18.04.2002	US20030031715A1	13.02.2003
		AU0214583A5	22.04.2002
W00050007A1	31.08.2000	US20020032171A1	14.03.2002
		US20020012680A1	31.01.2002
		US6248363A	19.06.2001
		NZ0513810A	28.09.2001
		JP2002537317A2	05.11.2002
		EP1233756A1	28.08.2002
		EP1158959A1	05.12.2001
		CA2391923AA	31.05.2001
		CA2365536AA	31.08.2000
		AU0117981A5	04.06.2001
US6338859B1	15.01.2002	AU0022242A5	14.09.2000
		AU7040501A	08.01.2002
		CA2414241A1	03.01.2002
		CZ20024268A3	14.05.2003
		EP1296647A2	02.04.2003
		NO20026255A	25.02.2003
		W00200194A2	03.01.2002